



Planetary Data System

Atmospheres Node

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**MC Face-to-Face Meeting
Westwood, California
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Outline

- Mission/Restoration Highlights
- Staffing issues including FTE required to support working groups and tiger Teams
- Software - We're not ready to discuss this.

Mission/Restoration Highlights

Cassini (PDS3)

Early in the mission the level of data products was reduced to save money. Most higher order products are limited in size but significant. We are developing a process that will require minimum effort for team members to submit data that they derive in their own research as PDS4 derived products.

Juno (PDS3)

Juno will begin delivering cruise data in April 2015. All deliveries will be in PDS3 data. Some teams have expressed interest in migrating to PDS4. Development is progressing on schedule. Bill Kurth is doing an excellent job leading the archiving effort.

Mission/Restoration Highlights (Cont.)

LADEE

Status-LDEX online, UVS & NMS in lien removal.

Upcoming releases – Primary mission (100 days) late August – the LDAP deadline would require data online by Sept 24.

ATMOS Goal to have PDS4 interface ready for late Sept.

Lessons learned or reestablished.

- Have a committed team member dealing with archiving.

- Interact as early as possible with the teams to establish data products and define templates for XML labels.

- Ascertain that all teams are using coordinates that allow optimal collaborative effort and standardize the data.

- Encourage teams to use simplest formats possible.

- Work with teams to do early checks on data development.

- Work with team to get a “user’s notebook”.

Mission/Restoration Highlights (Cont.)

MAVEN

Mass Spectrometer & Accelerometer instrumentation is mature and teams are experienced – are on schedule.

UV instrument is new, team is still changing product structures, selected data structures are FITS and complex.

First data release is April '15.

Mars Data Migration

Accommodated the PDS3 label as part of the product – a supplementary object

Retrained 2 new students – they are doing well - Fall term began Aug 21 – are ready to migrate in the latest PDS4 version.

Mars help pages are under development – PDS3 (Cassini style) will be converted to PDS4 with enhanced search capability as data sets are migrated.

Staffing

- Staffing issues including FTE required to support working groups and tiger Teams
 - Mission working groups include: Juno, MAVEN, LADEE, InSight, MESSENGER, plus Cassini, MSL and MRO which have stopped having the need for regular telecons. (~12 hrs/month)
 - DDWG activities still consume at least 4 hrs/month.
 - Preparation for these requires at least as much time as the telecons.

Staffing (Cont.)

- Neakrase's CCB work load-

Recently, the amount of cussing and discussing of the role of a CCB has been SUBSTANTIAL.

It should be a condition that for a CCB to take action an SCR should have a problem, an impact and a solution.

Bulk of work has been coordinating with EN about statuses of SCRs funneling them to where they need to go with particular concern over “bug fixes” (what gets handled where).

Many SCRs have been withdrawn or passed back (to Reporter or DDWG) for more detailed technical assessment because of incompleteness.

** More on this in the CCB Report later

Suggested Outline

- Mission/Restoration Highlights
 - Mission (1...n) (particularly PD4 missions)
 - Status, Archive Development, etc.
 - Upcoming releases
 - Peer reviews
 - Issues, Concerns
- Staffing issues including FTE required to support working groups and tiger Teams
- Software
 - What you use (particularly for PDS4)
 - What you have developed at your node
 - What you (and the user community) need
- Other Activities, where applicable